Bruhat Bangalore Mahanagara Palike

Modified Estimate for Development works to MEI play ground

Modified Shedule-B

Sl No	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. KSRRB M200-12.3. -do- C. Prestressed I Reinforced cement concrete grade M-20 & above.	Cum	0.00	366.84	Rupees Three Hundred Sixty Six And Paise Eighty Four Only
2	KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) KSRRB M200- 15.2. -do- B. Rubble stone masonry in cement mortar.	Cum	0.00	289.68	Rupees Two Hundred Eighty Nine And Paise Sixty Eight Only
3	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. KSRRB M200-14.2. -do- Dismantling brick/Tile work B.In cement mortar	Cum	0.00	589.68	Rupees Five Hundred Eighty Nine And Paise Sixty Eight Only
4	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. complete, all as per specification and direction of the Engineer-in-Charge including the cost and conveyance of all materials, cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work. for Earth filled in Existing Structure	Cum	502.33	224.38	Rupees Two Hundred Twenty Four And Paise Thirty Eight Only
	Above 125%	Cum	1068.34	318.43	Rupees Three Hundred Eighteen And Paise Forty Three Only

Modified Shedule-B

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
5	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and downsize clean hard graded jelly of selected quality and clean sieved approved sand for Plinth course, String or Lacing courses, Copings, Sills, Bed Blocks, Anchor Blocks etc.including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer.Ground Floor	Cum	0.00	6270.00	Rupees Six Thousand Two Hundred Seventy Only
6	Providing and constructing granite or basalt Size Stone Masonry, in Foundation & Plinth with CM 1:6 (1 Cement : 6 Coarse sand), stones hammer dressed in courses not less than 20cms. high using through bond stones at 200cm apart in each course including cost and conveyance of all materials and other incidental charges, curing etc. complete and all as per specifications and directions of the Engineer-in-charge of the work.	Cum	0.00	4970.80	Rupees Four Thousand Nine Hundred Seventy And Paise Eighty Only
7	Earth Filling to the sides of foundation and basement with available excavated & approved earth (excluding rock), including watering, tamping and compaction in layers of 15 cms. thick with all lead and lift and as directed by the Engineer-in-charge including the cost of labour for all items of work, equipment and other incidental charges for the successful completion of the work.	Cum	6.12	150.77	Rupees One Hundred Fifty And Paise Seventy Seven Only
8	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 5.27.1 -do- with solid concrete blocks of size 400x200x200mm	Sqm	0.00	1112.40	Rupees One Thousand One Hundred Twelve And Paise Forty Only

Modified Shedule-B

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
9	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 ems thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	133.92	7385.00	Rupees Seven Thousand Three Hundred Eighty Five Only
10	Providing and removing centering, shuttering. strutting, proping etc. and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	0.00	274.00	Rupees Two Hundred Seventy Four Only
11	Providing and fabricating Mild steel / High Yield Stength cold twisted Deformed steel bars conforming to IS:1786-1961 (Tor steel) including straightening, cutting, bending, hooking, lapping and / or welding wherever required, placing in position, tieing with binding wire of approved quality and guage including the cost of binding wire and anchoring to the adjoining members wherever necessary including all laps and wastages, cost of conveyance of high yield stength cold twisted deformed bars and binding wire etc. complete as per design, specification and directions of the Engineer-in-charge of the work including cost & conveyance of all materials & other incidental charges, cost of labour for all items of work, HOM of machinery, lead & lift, loading & unloading etc. complete. (laps, hooks and wastages shall not to be measured and paid).	Tn	0.00	71952.00	Rupees Seventy One Thousand Nine Hundred Fifty Two Only
12	KSRB 15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB 15-4.7 Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1 :4, 20mm thick cost of materials complete as per specifications.	Sqm	0.00	198.00	Rupees One Hundred Ninety Eight Only

Modified Shedule-B

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
13	Providing and finishing external walls in one coat with waterpr oof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with primer	Sqm	0.00	49.00	Rupees Forty Nine Only
14	Design detaled engineering supply and erection of structurai steel support complete with 2 coat of epoxy primer coating and with necessary fixing transportation. Site supervision &commissioning of tensioned membrance structure including preparation of pvc tensioned membrance roof structure consisting of flying mast out IS make CHS Folder clips aluminium clamp bards hard ware like bolts screws. washers keder profing extrusion receive bolts galvanized cables as per indian standard the tension membrance made from germany make mehler valmex FR 900-Type ii with 100% white colour, PVD lacquer on both sides protected against microbai and fungai attack UV protected with weight of 900g/Sqm with 25 year warranty all inclusive & completed as per the engineer's instruction. as per the direction of engineer incharges & as per drawing enclosed (Uploaded)	0.00	0.00	11054.00	Rupees Eleven Thousand Fifty Four Only
15	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms^thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	303.03	5990.08	Rupees Five Thousand Nine Hundred Ninety And Paise Eight Only
16	Providing laying palin / reinforced cement concrete for Box Drain walls of thicknes 10cm to 20 cm including cenmtering shuttering form work etc. complete as per approved drawlong and design MORTH Specification No. 1500,1700,2200 PCC M 20 Grade upto 0.75 m height using concrete mixture	Cum	320.05	12355.27	Rupees Twelve Thousand Three Hundred Fifty Five And Paise Twenty Seven Only

Modified Shedule-B

	Description of Item	Unit	Quantity	Rate, Rs	
				In Figures	In Words
17	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3(I No-4.46.2,P No-17)	Tn	20.80	71946.21	Rupees Seventy One Thousand Nine Hundred Forty Six And Paise Twenty One Only
18	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,incluading cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	631.40	2100.00	Rupees Two Thousand One Hundred Only
19	Providing and fixing pre cast solid concrete kerb stones of size 450x200x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting ete., complete.	Nos	909.00	432.10	Rupees Four Hundred Thirty Two And Paise Ten Only
20	KSRB15-13 : Applying of distemper KSRB 15-13.1 : Providing and applying one coat distemper primer of approved brand on wall surface after throughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter incluading preparing the surface, even and sand paper smooth, cost of materials, labour, complete as per specifications. -wall surface-	Sqm	163.84	29.68	Rupees Twenty Nine And Paise Sixty Eight Only
21	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8	Sqm	163.84	71.23	Rupees Seventy One And Paise Twenty Three Only
22	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	Sqm	35.20	1076.69	Rupees One Thousand Seventy Six And Paise Sixty Nine Only

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಪಾಲಿಕೆ
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